

IN THE CLAIMS

Pending claims are as follows, no amendments are made.

1-112. (Canceled)

113. (Previously Presented) A general mimetic of the structure

wherein:

indicates a bond at a chiral centre of the structure which centre may be in the R or S configuration or a mixture thereof;

R, R¹ and R² are amino acid side chain groups which may be the same or different;

M' and M'' may be the same or different and are selected from the group consisting of hydrogen, C₁-C₄ alkyl, chloro and C₁-C₄ alkoxy;

M³, M⁴, M⁵ and M⁶ define a lactam as follows:

- (i) M³, M⁴ when taken together with the ring carbon to which they are attached form a carbonyl group, M⁵ and M⁶ = H, or
- (ii) M³ is H and M⁴ = M', M⁵ and M⁶ when taken together with the carbon atom to which they are attached form a carbonyl group;

Z' is selected from the group consisting of hydrogen or methyl or part of a cyclic amino acid sidechain joined to R¹;

Pg^N is a protecting group for amine;

R^C is selected from the group consisting of a carboxy terminal part of the mimetic, hydrogen, R, and CH_2R ; and

Z is selected from the group consisting of hydrogen, methyl, ethyl, formyl, acetyl, $-CH_2R$, and $C(O)R$.

114. (Withdrawn) A peptide mimetic as claimed in claim 113 wherein when Q^1 and Q^2 form a cyclic group Q^1Q^2 which is selected from the group consisting of $-CH(R)C(O)-$, $-CH_2CH(R)C(O)-$, $-CH_2CH_2CH(R)C(O)-$, $-CH(R)CH_2-$, $-CH_2CH(R)CH_2-$, $-CH_2CH_2CH(R)CH_2-$, $-CH_2CH(R)-$, $-CH_2CH_2CH(R)-$, $-CH(R)CH_2CH_2-$, $-CH_2CH(R)CH_2CH_2-$, $-CH(R)CH_2C(O)-$ and $-CH_2CH(R)CH_2C(O)-$.

115. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is R, Q^2 is Z, Q^3 is $C(O)$ or CH_2 .

116. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is R, Q^2 is Z, Q^3 is $-C(O)N(Q^5)CH(R)C(O)-$ or $-C(O)N(Q^5)CH(R)CH_2-$.

117. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is $CH(R)C(O)Q^2$, Q^1Q^2 – forms a cyclic group $-CH(R)C(O)-Q^2$, Q^3 is $C(O)$ or CH_2 .

118. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is $CH_2CH(R)C(O)Q^2$, Q^1Q^2 – forms a cyclic group $-CH_2CH(R)C(O)-$, Q^3 is $C(O)$ or CH_2 .

119. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein R^C is $C(O)Pg^C$ where Pg^C is a protecting group for carboxylic acid.
120. (Previously Presented) A peptide mimetic as claimed in Claim 119 wherein Pg^C is selected from the group consisting of alkoxy, benzyloxy, allyloxy, fluorenylmethyloxy, amines forming easily removable amides, a cleavable linker to a solid support, the solid support, hydroxy, NHR, OR, R or the remaining C-terminal portion of the mimetic.
121. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein Pg^N is selected from a group consisting of Boc, Cbz, Alloc, trityl, a cleavable linker to a solid support, the solid support, hydrogen, R, $C(O)R$ or part of the remaining N-terminal portion of the mimetic.
122. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein M' or M'' is methoxy.
123. (Withdrawn) A peptide mimetic is claimed in Claim 113 wherein M' or M'' is methyl.
124. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein Z is H, Z^1 is H and R^C is $C(O)Pg^C$.
125. (Withdrawn) A peptide mimetic as claimed in Claim 124 wherein R^1 and $R^2 \dot{y} H$
126. (Previously Presented) A peptide mimetic as claimed in claim 113 wherein Z is hydrogen, M^5 and M^6 when taken together with the carbon atom to which they are attached form a carbonyl group, $Z^1 = H$, and R^C is $C(O)Pg^C$.
127. (Withdrawn) A peptide mimetic as claimed in Claim 126 wherein R^1 and $R^2 \dot{y} H$

128. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is R^1 , Q^2 is hydrogen, Q^3 is $-C(O)N(Q^5)CH(R)C(O)-$, $Z^1=H$ and R^C is $C(O)Pg^C$.

129. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is R^1 , Q^2 is hydrogen, Q^3 is $-C(O)N(Q^5)CH(R)CH_2-$, $Z^1=H$ and R^C is $C(O)Pg^C$.

130. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein Q^1Q^2 is $-CH(R^2)C(O)-$, Q^3 is $C(O)$, $Z^1=R^1$ and R^C is $C(O)Pg^C$.

131. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein Q^1Q^2 is $-CH(R^2)C(O)-$, Q^3 is CH_2 , $Z^1=R^1$ and R^C is $C(O)Pg^C$.

132. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein Q^1Q^2 is $-CH_2CH(R^2)C(O)-$, Q^3 is $C(O)$, $Z^1=R^1$ and R^C is $C(O)Pg^C$.

133. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein Q^1Q^2 is $-CH_2CH(R^2)C(O)-$, Q^3 is CH_2 , $Z^1=R^1$ and R^C is $C(O)Pg^C$.

134. (Previously Presented) A peptide mimetic according to claim 113 wherein R , R^1 and R^2 are each independently selected from the group consisting of

- (i) $-CH_3$,
- (ii) ,
- (iii) $-CH_2SH$,
- (iv) $-CH_2CH_2-C(O)NH_2$,
- (v) $-H$,
- (vi) $-CH(CH_3)CH_2CH_3$,
- (vii) $-CH_2-CH(CH_3)_2$,
- (viii) $-CH_2CH_2S-CH_3$,

- (ix) $-\text{CH}_2\text{Ph}$,
- (x) $-\text{CH}_2\text{OH}$,
- (xi) $-\text{CH}(\text{OH})\text{CH}_3$,
- (xii) $-\text{CH}_2-(3\text{-indolyl})$
- (xiii) $-\text{CH}_2\text{-Ph-OH}$,
- (xiv) $-\text{CH}(\text{CH}_3)_2$,
- (xv) $-\text{CH}_2\text{CO}_2\text{H}$,
- (xvi)
- (xvii)
- (xix) $-\text{CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-NH}_2$.
- (xx) $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$.

135. (Previously Presented) A mimetic according to claim 113 having the structure:

136. (Withdrawn) A mimetic according to claim 113 having the structure:

137. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein M' , M'' are H.

138. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein Z, Z^1 are H.

139. (Withdrawn) A peptide mimetic as claimed in claim 135 wherein R^1 and $\text{R}^2 \neq \text{H}$.

140. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein R^{C} is $\text{C}(\text{O})\text{Pg}^{\text{C}}$ where Pg^{C} is a protecting group for carboxylic acid.

141. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein M', M'' are H.
142. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein Z, Z¹ are H.
143. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein R¹ and R² ÿ H.
144. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein R^C is C(O)Pg^C where Pg^C is a protecting group for carboxylic acid.